Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Original) A method for manufacturing a circuit board comprising:

attaching a mask film, where a squeegee cleaning part has been formed at a predetermined position, to a substrate; then

forming a through-hole; and

filling conductive paste into the through-hole by using a squeezing method.

2. (Original) A method for manufacturing a circuit board comprising:

attaching a mask film to both sides of a substrate; then

forming a through-hole; and

filling conductive paste into the through-hole by using a squeezing method,

wherein a squeegee cleaning part is formed at a predetermined position of the mask film before the filling of the conductive paste.

3. (Currently Amended) The method for manufacturing a circuit board of claim 1-or claim 2,

wherein the predetermined position is a position of an unnecessary part of a product area or an outside of the product area of a paste-filling area of the mask film and within a printing range.

4. (Original) The method for manufacturing a circuit board of claim 1,

wherein the squeegee cleaning part is hound's-tooth through-holes formed at the mask film.

5. (Currently Amended) The method for manufacturing a circuit board of claim 1-or claim 2,

wherein the squeegee cleaning part is a no-penetrated linear groove formed at a paste-filling area of the mask film.

- 6. (Original) The method for manufacturing a circuit board of claim 5, wherein the squeegee cleaning part is a plurality of the no-penetrated linear groove.
- 7. (Currently Amended) The method for manufacturing a circuit board of claim 1-or claim 2,

wherein the squeegee cleaning part of the mask film has a swollen portion.

- 8. (Original) The method for manufacturing a circuit board of claim 5, wherein the no-penetrated groove of the mask film is processed by using a cutting edge.
- 9. (Original) The method for manufacturing a circuit board of claim 8, wherein the cutting edge is a round blade.
- 10. (Original) The method for manufacturing a circuit board of claim 9,

wherein the round blade is fixed to a blade-fixing section having vertically sliding function with a certain load so as not to rotate.

11. (Original) The method for manufacturing a circuit board of claim 10,

wherein a depth of the groove and a height of a swollen portion of the squeegee cleaning part are set by adjusting an edge angle of the round blade and the load.

12. (Original) The method for manufacturing a circuit board of claim 7, wherein the swollen portion is not lower than $3\mu m$.

13. (Currently Amended) The method for manufacturing a circuit board of claim 1-or claim 2,

wherein the substrate is a prepreg where resin material, whose main body is thermosetting resin, is impregnated into a fabric or a nonwoven fabric, thereby forming Bstage.

- 14. (Original) The method for manufacturing a circuit board of claim 13, wherein aramid fabric is a main body of the fabric or the nonwoven fabric.
- 15. (Original) The method for manufacturing a circuit board of claim 13, wherein glass fiber is a main body of the fabric or the nonwoven fabric.
- (Currently Amended) The method for manufacturing a circuit board of claim 1-or claim 2,

wherein the filling of the conductive paste into the through-hole by using the squeezing method comprises:

filling the conductive paste into the through-hole by reciprocating a squeegee on the circuit board; and

cleaning an edge of the squeegee by using the squeegee cleaning part.

- 17. (Original) An apparatus for manufacturing a circuit board comprising:
- a transporting means for transporting a substrate;

supplying means, which are placed above and below the transporting means, for supplying mask films;

- a laminate roll; and
- a groove processing section, which is placed behind the laminate roll and above the transporting means, for processing a groove at the mask film.
 - 18. (Original) The apparatus for manufacturing a circuit board of claim 17,

wherein the groove processing section is formed of a blade-fixing section including a blade with a certain range of an edge angle and a blade-fixing-section-installing unit having a sliding section,

wherein the blade-fixing section is capable of sliding up and down at the sliding section of the blade-fixing-section-installing unit.

19. (Original) The apparatus for manufacturing a circuit board of claim 18,

wherein the blade is a round blade, and fixed to the blade-fixing section so as not to rotate.

20. (Original) The apparatus for manufacturing a circuit board of claim 17,

wherein the groove processing section placed above the transporting means is capable of being positioned and fixed.

21. (Original) The apparatus for manufacturing a circuit board of claim 17, further comprising:

a backing roll directly under the groove processing section and under the transporting means.

- 22. (Original) The apparatus for manufacturing a circuit board of claim 18, wherein the edge angle of the blade ranges 30-90°.
- 23. (New) The method for manufacturing a circuit board of claim 2,

wherein the predetermined position is a position of an unnecessary part of a product area or an outside of the product area of a paste-filling area of the mask film and within a printing range.

24. (New) The method for manufacturing a circuit board of claim 2,

wherein the squeegee cleaning part is a no-penetrated linear groove formed at a paste-filling area of the mask film.

25. (New) The method for manufacturing a circuit board of claim 24,

wherein the squeegee cleaning part is a plurality of the no-penetrated linear groove.

- 26. (New) The method for manufacturing a circuit board of claim 2, wherein the squeegee cleaning part of the mask film has a swollen portion.
- 27. (New) The method for manufacturing a circuit board of claim 24, wherein the no-penetrated groove of the mask film is processed by using a cutting edge.
- 28. (New) The method for manufacturing a circuit board of claim 27, wherein the cutting edge is a round blade.
- 29. (New) The method for manufacturing a circuit board of claim 28,

wherein the round blade is fixed to a blade-fixing section having vertically sliding function with a certain load so as not to rotate.

30. (New) The method for manufacturing a circuit board of claim 29,

wherein a depth of the groove and a height of a swollen portion of the squeegee cleaning part are set by adjusting an edge angle of the round blade and the load.

- 31. (New) The method for manufacturing a circuit board of claim 26, wherein the swollen portion is not lower than $3\mu m$.
- 32. (New) The method for manufacturing a circuit board of claim 2,

wherein the substrate is a prepreg where resin material, whose main body is thermosetting resin, is impregnated into a fabric or a nonwoven fabric, thereby forming Bstage.

- 33. (New) The method for manufacturing a circuit board of claim 32, wherein aramid fabric is a main body of the fabric or the nonwoven fabric.
- 34. (New) The method for manufacturing a circuit board of claim 32,

wherein glass fiber is a main body of the fabric or the nonwoven fabric.

35. (New) The method for manufacturing a circuit board of claim 2,

wherein the filling of the conductive paste into the through-hole by using the squeezing method comprises:

filling the conductive paste into the through-hole by reciprocating a squeegee on the circuit board; and

cleaning an edge of the squeegee by using the squeegee cleaning part.